

Potential Utility Conflicts
August 3, 2020

Project ID: 4430-19-00/71
STH 42, City of Sturgeon Bay
S. JCT 42/57 - Bayview Bridge
STH 42
Door County
Prepared by Doug Kirst

STA.	Location	Operation	Risk of Conflict		Utility	Comments
General						
369+90'NB' - 481+89'SB'	STH 42 northbound and southbound lanes and side roads. From 500-FT west of STH 42/S. Duluth Ave intersection to the Bayview Bridge.	Overlay existing concrete with ~2.5-Inches of asphalt.	High		Any Utilities located within pavement and gravel shoulder.	Pavement profile will increase ~2.5 Inches. Any utilities within the pavement will need to be adjusted (Manholes, water valves, junction boxes, etc....)
248+86'NB'	Northbound lanes of STH 42. North of intersection with Emerald Drive.	Remove and Replace 18-Inch Culvert pipe at similar location and elevation.	Low	Any		Any utilities located above culvert pipe will need to be identified and worked around. Culvert pipe is relatively shallow.
264+52'NB' LT	Southbound lanes of STH 42. North side of roadway.	Relay last three sections on north of culvert, install joint ties.	Low	Any		Any utilities located above last three sections of pipe (~24-FT) will need to be identified and worked around.
285+40'NB' RT	Northbound lanes of STH 42. South of CTH PD.	Replace Existing Guardrail, minor grading.	High	UG FO (Spectrum)		MGS posts may be in conflict with FO. Particularly at end terminal.
			Low	UG Gas (WPS)		MGS posts will cross gas line.
359+63'NB' LT	Side Road S. Ashland Ave located on STH 42 southbound lanes.	Widen existing intersection, signal relocate, storm sewer.	High	UG Telephone		Suggest relocating Junction Box and Lateral.
			Moderate	UG Gas (WPS)		Verify depth of gas line.
			Low	UG Sanitary (City)		Assume sanitary is deep enough it will not be in conflict. Manhole located in roadway with no profile change.
			Low	UG Water (City)		Assume Water is deep enough it will not be in conflict.
			High	Electrical, Streetlight (City)		Relocate Light post and associated UG electrical.
20+87'GN' RT	Green Bay RD NB Ramp, Right side prior to overpass.	Remove existing guardrail and concrete barrier. Replace with Curb and gutter, adjust path.	Low	Street Light		Light pole located behind C&G. Low Speed 25 MPH. Outside of grading limits, protected by C&G.
414+75'NB' LT	Side Road S. Neenah Ave located on STH 42 southbound lanes.	Widen existing intersection, signal, relocate.	Moderate	UG Gas		Verify Depth.
			Moderate	UG FO		Verify Depth.
463+00'NB'	Side Roads of CTH U and Circle Ridge Rd. Turn Lanes on STH 42 (NB & SB) to side roads.	Intersection widening, installation of turn lanes, modifications to existing STH 42 medians, Storm Sewer.	Moderate	UG Gas		Verify depth and make sure it is not in conflict with Subgrade, storm sewer, or riprap.
			Moderate	Telephone		Verify Depth
			Moderate	City		Verify Depth
			Moderate	City		Verify Depth
			Moderate	UG TV		Verify Depth
			Moderate	UG FO		Verify Depth
			Moderate	Overhead Electrical		Potential for post located nearest the path on the east side of CTH U to be relocated. State is discussing with county to determine if it is within their clear zone.